

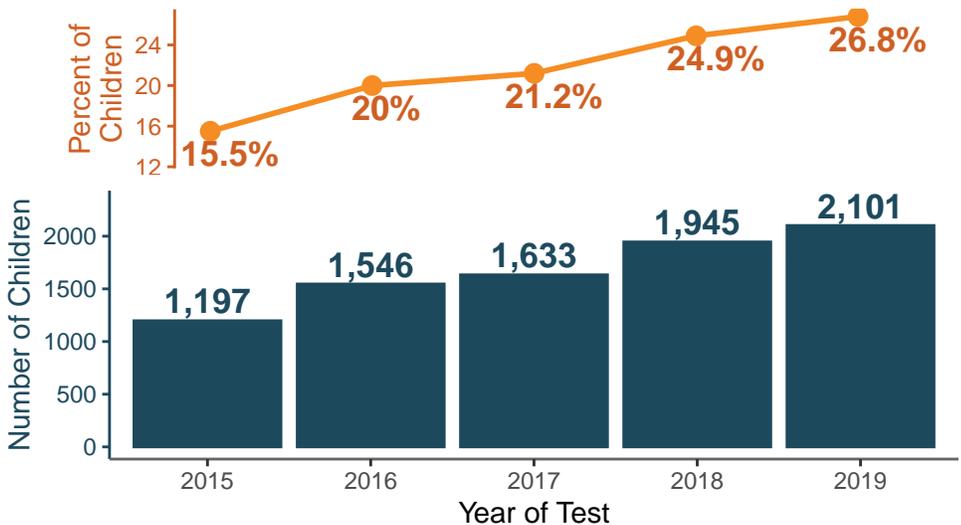


2019 LEAD EXPOSURE DATA BRIEF FOR THE CAPITAL AREA REGION

Lead poisoning is entirely preventable. However, nearly 1 million children living in the United States have blood levels high enough to impair their ability to think, learn, and concentrate.

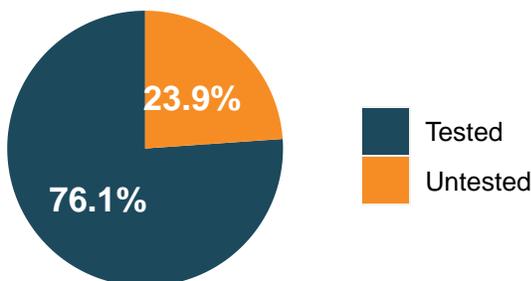
In 2019, 62 children (0 – 72 months old) in the Capital Area Region were identified with elevated blood lead levels of 5 ug/dL or higher.

Annual Number (and Percent) of Children, 0 to 72 Months Old, Tested for Blood Lead in the Capital Area Region 2015 – 2019



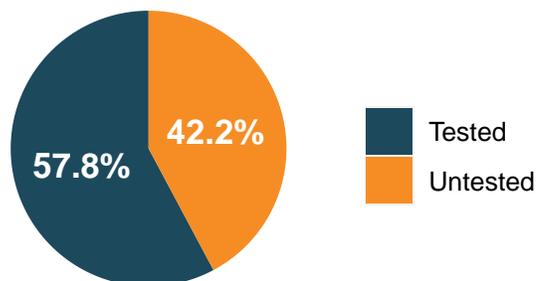
Percent of Children Tested per New Hampshire Screening and Management Guidelines

Percent of One-Year-Old Children Tested for Blood Lead



In 2019, 76.1% of one year-old (12–23 month-old) children residing in the Capital Area Region were tested for lead in their blood (982 of an estimated 1,290 children).

Percent of Two-Year-Old Children Tested for Blood Lead



In 2019, 57.8% of two year-old (24–35 month-old) children residing in the Capital Area Region were tested for lead in their blood (790 of an estimated 1,367 children).

In 2018, New Hampshire passed a state law requiring providers to conduct blood lead level tests for all one and two year-old children.

Childhood Lead Exposure by Town, 2019

TOWN	AGE GROUP (IN MONTHS)	POPULATION DPHS ESTIMATE 2018	NUMBER TESTED 2019	PERCENT TESTED (%) 2019	NUMBER WITH EBLL 5+ ug/dL 2019 ONLY	NUMBER WITH EBLL 5+ ug/dL 2015-2019	NUMBER WITH EBLL 10+ ug/dL VENOUS TESTS 2015-2019
ALLENSTOWN	0 to 72	291	84	29	0	6	1-4
	12 to 23	45	32	71	0	1-4	1-4
	24 to 35	58	35	60	0	1-4	0
BOSCAWEN	0 to 72	220	55	25	1-4	1-4	0
	12 to 23	33	29	88	1-4	1-4	0
	24 to 35	44	22	50	1-4	1-4	0
BOW	0 to 72	395	155	39	1-4	1-4	1-4
	12 to 23	72	72	100	0	1-4	1-4
	24 to 35	67	67	100	1-4	1-4	0
EPSOM	0 to 72	289	66	23	0	1-4	0
	12 to 23	43	25	58	0	1-4	0
	24 to 35	43	32	74	0	1-4	0
HENNIKER	0 to 72	229	73	32	1-4	5	1-4
	12 to 23	43	32	74	0	1-4	0
	24 to 35	35	30	86	0	1-4	1-4
HILLSBOROUGH	0 to 72	406	106	26	8	42	6
	12 to 23	70	47	67	1-4	24	1-4
	24 to 35	66	38	58	1-4	7	1-4
HOPKINTON	0 to 72	299	84	28	1-4	9	0
	12 to 23	40	35	88	0	6	0
	24 to 35	45	36	80	1-4	1-4	0
LOUDON	0 to 72	343	82	24	0	5	0
	12 to 23	49	39	80	0	1-4	0
	24 to 35	59	27	46	0	1-4	0
NORTHWOOD	0 to 72	235	66	28	7	17	5
	12 to 23	42	32	76	1-4	11	1-4
	24 to 35	39	26	67	1-4	1-4	1-4
PEMBROKE	0 to 72	469	111	24	1-4	8	1-4
	12 to 23	72	54	75	1-4	1-4	1-4
	24 to 35	84	34	40	0	1-4	0
PITTSFIELD	0 to 72	305	62	20	1-4	25	1-4
	12 to 23	46	26	56	1-4	16	1-4
	24 to 35	44	19	43	0	1-4	0
WEARE	0 to 72	579	162	28	5	22	5
	12 to 23	93	82	88	1-4	11	1-4
	24 to 35	103	57	55	1-4	7	1-4
CONCORD	0 to 72	2629	685	26	28	154	34
	12 to 23	443	313	71	15	77	19
	24 to 35	470	253	54	5	24	5
DOWNTOWN CONCORD	0 to 72	1225	318	26	17	104	22
	12 to 23	235	141	60	8	48	12
	24 to 35	211	109	52	1-4	15	1-4
SURROUNDING CONCORD	0 to 72	1404	367	26	11	50	12
	12 to 23	208	172	83	7	29	7
	24 to 35	259	144	56	1-4	9	1-4
CAPITAL AREA	0 to 72	7849	2101	27	62	342	67
	12 to 23	1290	982	76	33	184	41
	24 to 35	1367	790	58	14	69	14

Childhood blood lead test data is from the NH Healthy Homes Childhood Lead Poisoning Prevention Program. Elevated blood lead levels (EBLL) 5+ ug/dL is defined as a venous or capillary blood test with a result of 5 micrograms per deciliter (ug/dL) or higher. Exact numbers or percents cannot be reported when there are 1-4 cases due to suppression guidelines to protect privacy.

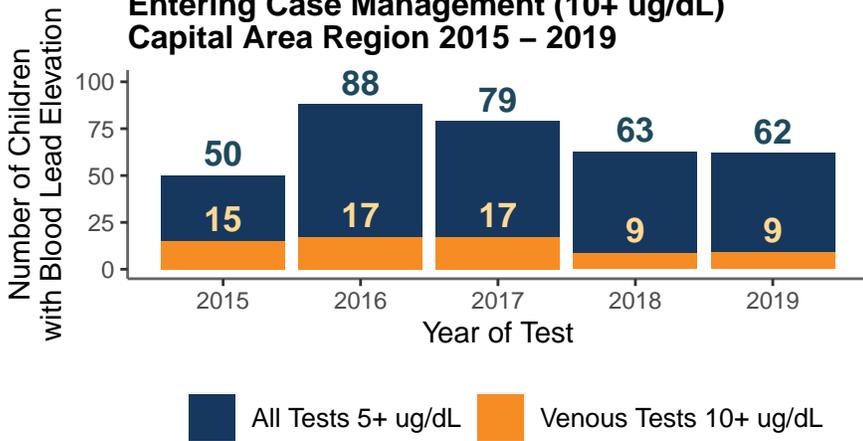
Childhood Lead Risk Factors by Town

TOWN	POPULATION UNDER 6 YO PERCENT (%)	HOUSING UNITS BUILT PRE-1950 PERCENT (%)	HOUSEHOLDS MOVED IN LAST YEAR PERCENT (%)	RENTED HOUSING UNITS W/ CHILDREN UNDER 6 YO PERCENT (%)	UNDER 6 YO LIVING BELOW FED. POVERTY LEVEL PERCENT (%)	UNDER 6 YO IN WITH NO HEALTH INSURANCE PERCENT (%)
ALLENSTOWN	5.9	19	4	39	7.7	14
BOSCAWEN	6.1	28	3.4	31	28.5	0
BOW	5.6	10	2.4	4	1.8	0
EPSOM	6.9	14	5.9	19	7.7	0
HENNIKER	8.4	27	4.3	22	0	0
HILLSBOROUGH	6.4	28	3.9	13	12.5	0
HOPKINTON	8.2	23	3.7	19	0	0
LOUDON	4.3	22	5.9	34	0	0
NORTHWOOD	4	24	3.8	34	6.3	0
PEMBROKE	4.8	25	2.6	28	0	0
PITTSFIELD	7.7	38	1.2	90	53.2	8.9
WEARE	5.7	12	0.9	0	3.7	0
CONCORD	6.1	36	4.9	45	14.7	2
DOWNTOWN CONCORD	4.9	45	6	55	25.6	1.3
SURROUNDING CONCORD	7.2	27	3.8	39	8.4	2.5
CAPITAL AREA	6	26	3.8	31	10.3	1.8

Risk factor data is from the American Community Survey (ACS), 5-Year Estimate Data (2014–2018). Percent of renters with children under 6 yo was calculated from housing units with known occupancy status and known age of occupants. Under 6 yo living below federal poverty level was calculated from the number of children in households with income less than the federal poverty level for whom poverty status was determined. Note, percentages for smaller towns may have a large error.

Childhood Lead Exposure

Annual Number of Children 0 to 72 Months Old with Test Above the National Reference Level (5+ ug/dL) or Entering Case Management (10+ ug/dL) Capital Area Region 2015 – 2019



It only takes a speck of lead dust the size of a grain of salt to poison a child

Number of Children 0 to 72 Months Old with Elevated Blood Lead Levels 5+ ug/dL by Town (or Census Tract) in the Capital Area Region, 2015–2019

